

CMS-121

4-[4-(cyclopentyloxy)quinolin-2-yl]benzene-1,2-diol | CAS 1353224-53-9

Product identification

Product name	CMS-121
Chemical name	4-[4-(cyclopentyloxy)quinolin-2-yl]benzene-1,2-diol
CAS number	1353224-53-9
PubChem CID	135741221
Molecular formula	C20H19NO3
Molecular weight	321.37 g/mol
InChIKey	OMHNVUCFPJJLKD-UHFFFAOYSA-N
Canonical / reference SMILES	<chem>OC1=CC=C(C2=NC3=CC=CC3C(OC4CCCC4)=C2)C=C1O</chem>
Material type	Chemical reference material / technical compound

Material description

CMS-121 is a quinoline catechol derivative supplied as a chemical reference material / technical compound. The identity data support laboratory identification, documentation and analytical comparison.

Intended use

For laboratory, analytical, chemical and method-development applications. Not for human or animal consumption. Not intended for food, supplement, cosmetic, medical, diagnostic or therapeutic use.

Reference characteristics

Structural class	Quinoline catechol derivative
Typical physical form	Light yellow to yellow solid reported by research suppliers
Storage guidance	Supplier data commonly recommend refrigerated or frozen storage for research-grade material; follow the applicable lot-specific documentation.

Analytical use and traceability

Lot-specific purity, water content, residual solvents and analytical acceptance criteria must be taken from applicable supplier documentation or a certificate of analysis; they are not inferred by this datasheet.

Safety note

A current supplier SDS reviewed for this revision describes CMS-121 as not classified as a hazardous substance or mixture. Continue to apply normal laboratory controls because toxicological data are incomplete. Consult the applicable Safety Data Sheet before handling.

Identity verification note

CAS 1353224-53-9; PubChem CID 135741221; molecular formula C20H19NO3; molecular weight 321.37 g/mol; InChIKey OMHNVUCFPJJLKD-UHFFFAOYSA-N.

Document control

Document	Rexar Technical Compound Datasheet
Revision	10 September 2026
Status	Reference information; not a certificate of analysis

Disclaimer

This document is provided for chemical identification and laboratory reference purposes. It does not certify batch purity or replace lot-specific analytical documentation. Users remain responsible for suitability, regulatory status and safe handling.